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| **Name and chemical formula:** | **Physical Properties:** | **Image:** | **Brief description:** |
| 1. Name: Water   Chemical Formula:  H2O | Density: 1000 kg/m3  Melting Point:  (273.15 [K](http://en.wikipedia.org/wiki/Kelvin))[°C](http://en.wikipedia.org/wiki/Properties_of_water#cite_note-VSMOW-1)  Boiling Point: 99.98 °C | H2OMOLECULE.jpg | * Is the most popular compound on earth. * It can be a liquid solid or gas * At room temperature it is colourless with a hint of blue. |
| 1. Name: Hydrochloric Acid   Chemical Formula: HCl | Density: 1.18 g/cm3  Melting Point: –27.32 °C  Boiling Point: 110 °C | hcl.jpg | * A solution of hydrogen chloride * It is a strong mineral acid * It is mainly found in gastric acids |
| 1. Name: Lead (II) Sulphide   Chemical Formula: PbS | Density: 7.60 g/cm3  Melting Point: 1118 °C  Boiling Point: 1281 °C | 200px-PbO_structure.png | * This is a [inorganic compound](http://en.wikipedia.org/wiki/Inorganic_compound) * It is used in Electrical devices * It is the most important compound of lead. |
| 1. Name: Sodium Chloride   Chemical Formula:  NaCl | Density: 2.165 g/cm3  Melting Point: 801 °C  Boiling Point: 1413 °C | 20070317194441!Sodium-chloride-3D-ionic.png | * This is also known as salt * This is the salt in the ocean |
| 1. Name: Mercury(II) oxide   Chemical Formula:  HgO | Density: 11.14 g/cm3  Melting Point: 500 °C  Boiling Point: |  | * Is also called mercuric oxide * It is either red or orange * It is also solid at room temperature |
| 1. Name: Nitrogen   Chemical Formula:N2 | Density: 101.325 kPa  Melting Point: 210.00 °[C](http://en.wikipedia.org/wiki/Celsius),  Boiling Point: 195.79 °[C](http://en.wikipedia.org/wiki/Celsius) |  | * N2, the chemical formula for [nitrogen gas](http://en.wikipedia.org/wiki/Nitrogen_gas) * Its when a positive nitrogen and negative nitrogen compounds bond together |
| 1. Name: Oxygen   Chemical Formula: O2 | Density: 101.325 kPa  Melting Point: 218.79 °[C](http://en.wikipedia.org/wiki/Celsius) |  | .   * It is a non-metal * It’s when 2 oxygen compounds bond * Alot of living organisms contain oxygen |
| 1. Name: potassium hydrogen   Chemical Formula: KH | Density: 1.64 g/cm3, solid  Melting Point: 295 °C  Boiling Point: |  | * As a solid it appears white or colourless * It is a acidic salty compound * Often called KHP |
| 1. Name: Uranium dioxide   Chemical Formula: [U](http://en.wikipedia.org/wiki/Uranium)[O](http://en.wikipedia.org/wiki/Oxygen)2 | Density – 10.97 g/cm3  Melting Point – 2865 °C (3140 K)  Boiling Point - |  | * Is black * It is also radioactive * It is used as a yellow and black colour in glass |
| 1. Name:Copper(II) oxide   Chemical Formula : CuO | Density: 6.31 g/cm3  Melting Point: 1201 °C (1474 K)  Boiling point: 2000 °C |  | * Is the higher oxide for copper * It is a mineral * It is a black solid |